

FIG. 1

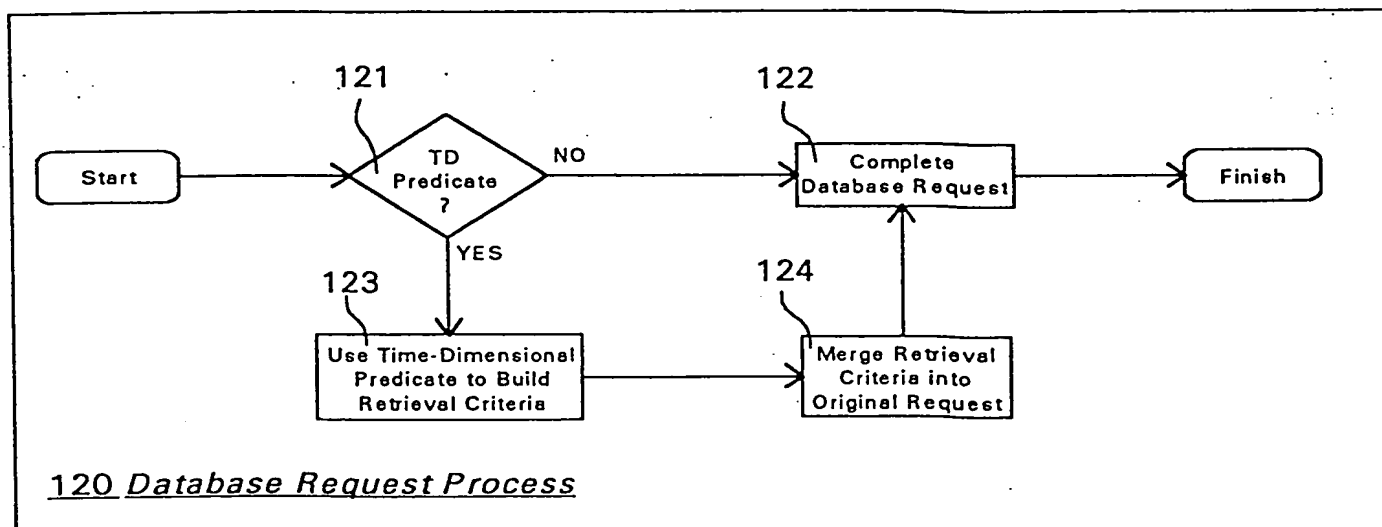
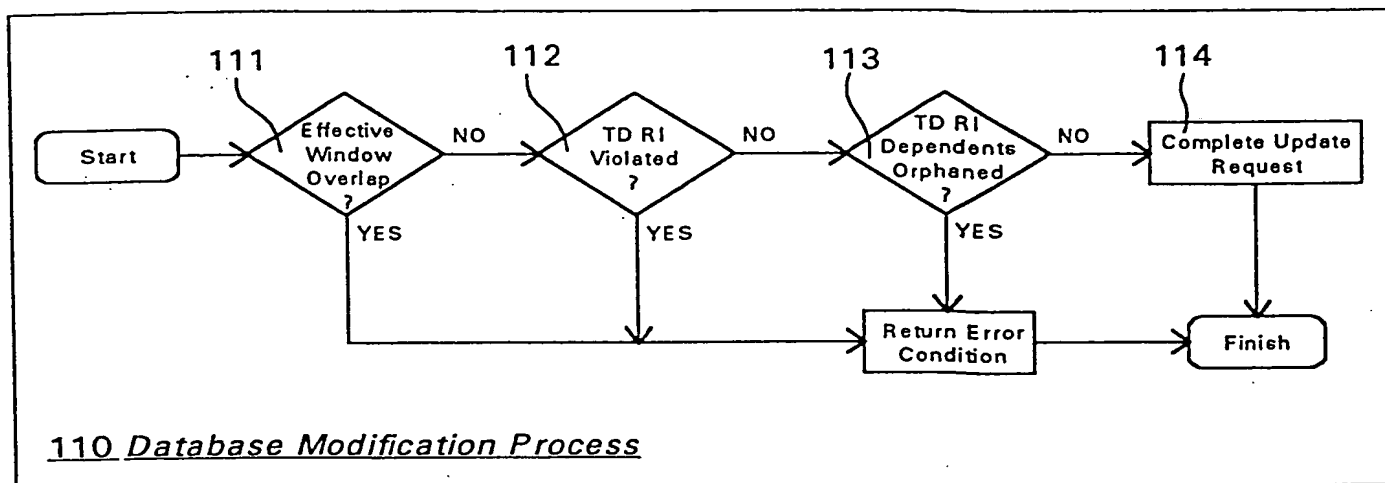
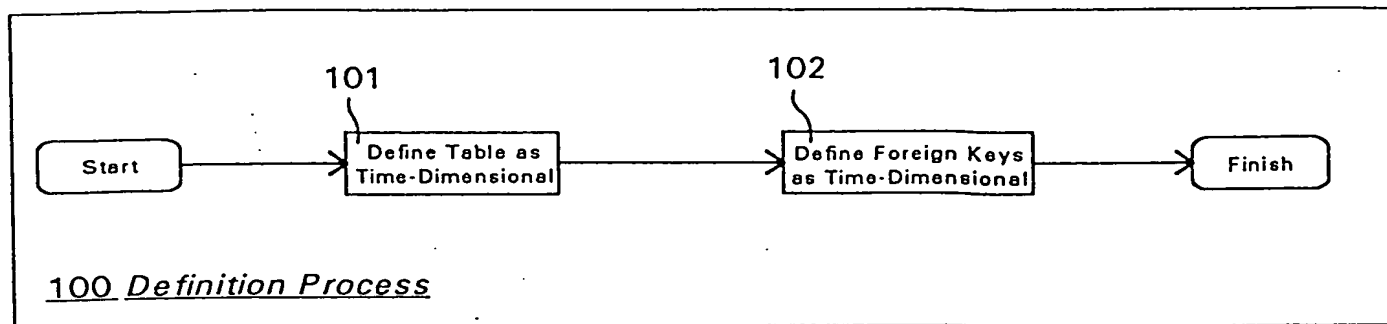


FIG. 2

Version Differentiation Process Overview

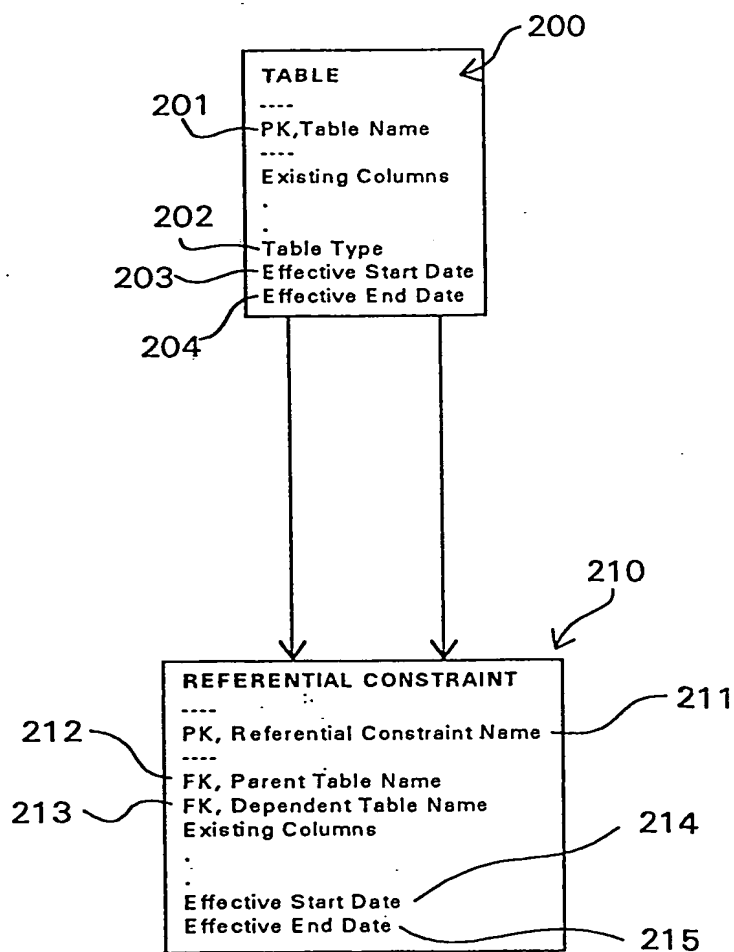


FIG. 3

DBMS Catalog Database

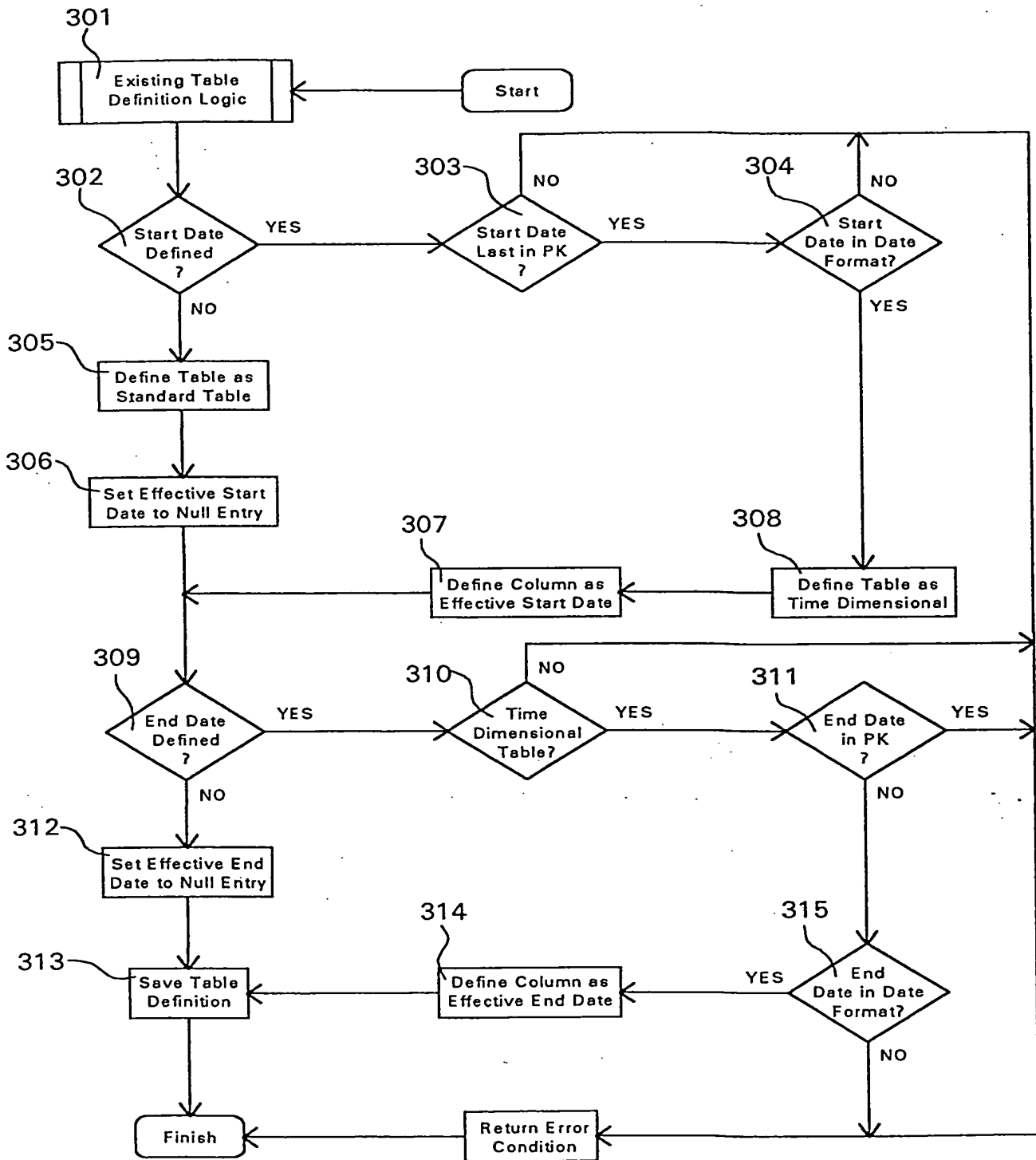


FIG. 4

Table Definition Process

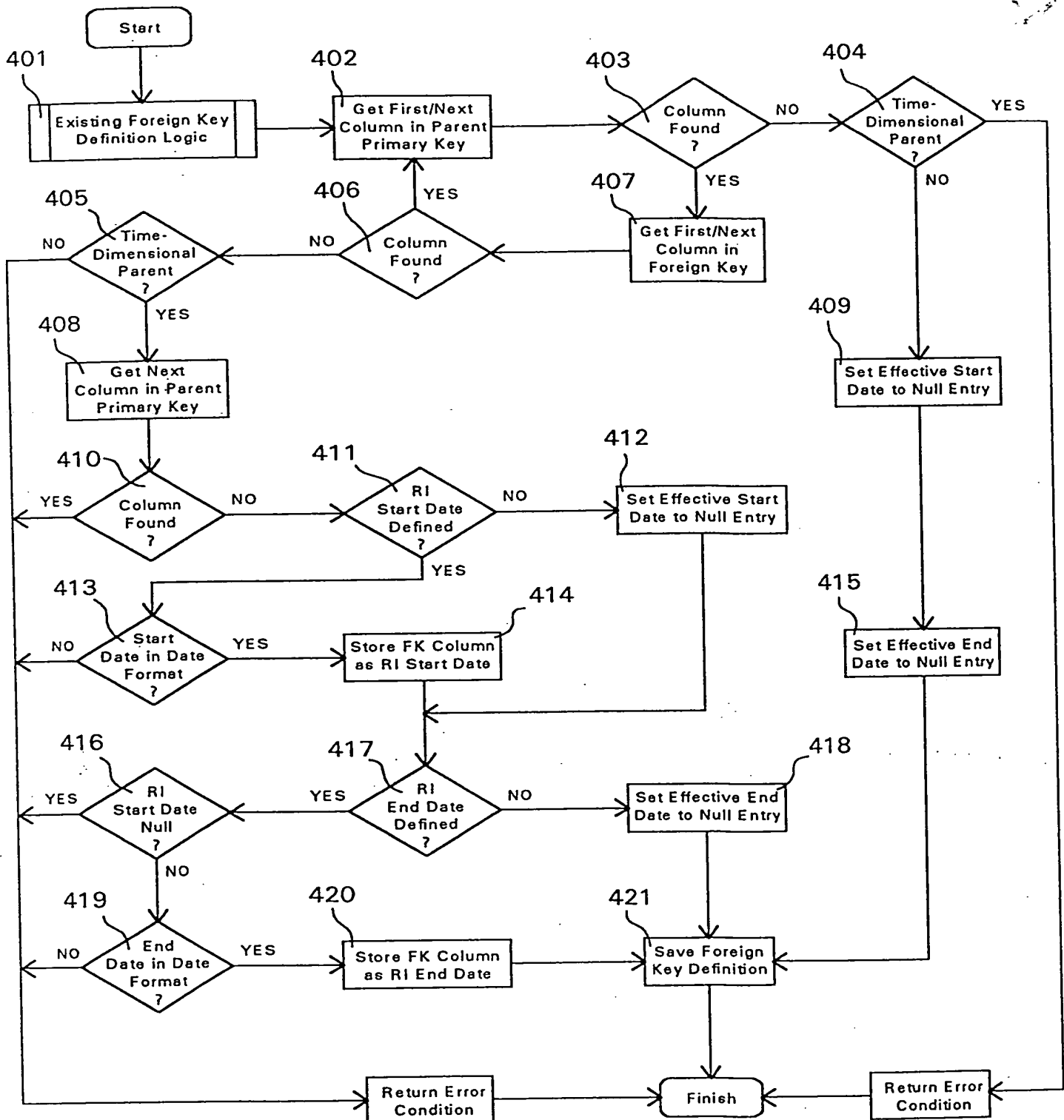


FIG. 5

Foreign Key Definition Process

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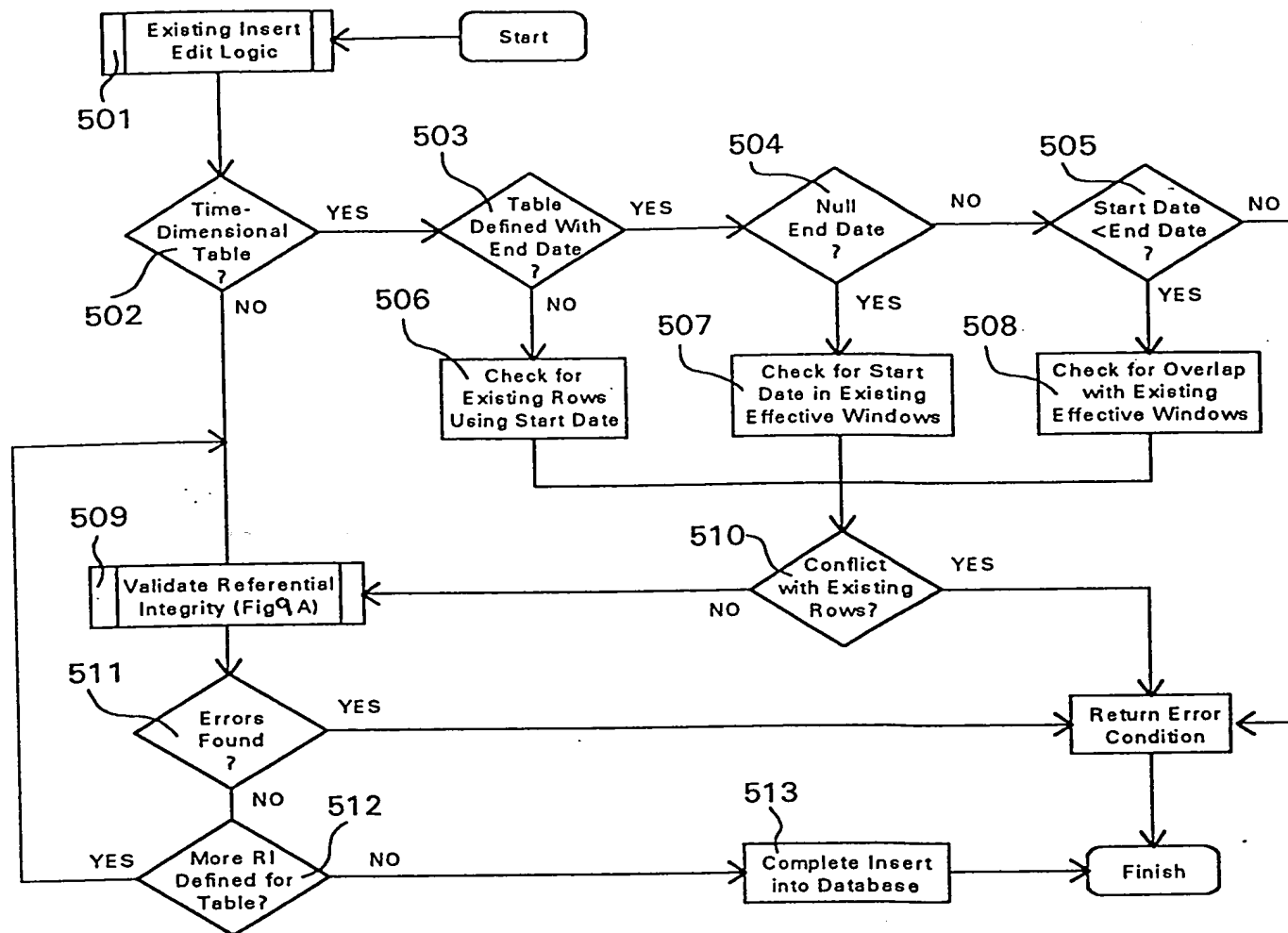


FIG. 6

Insert Process

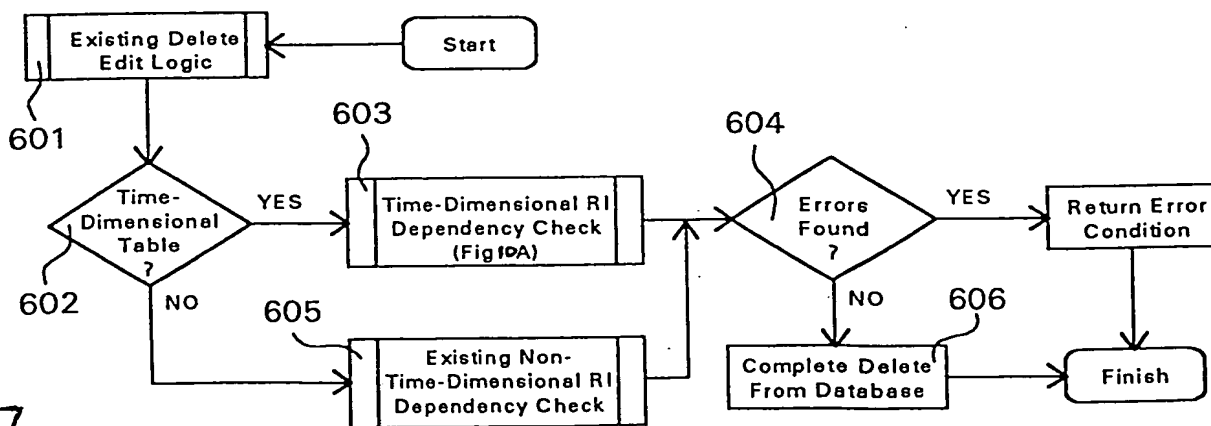


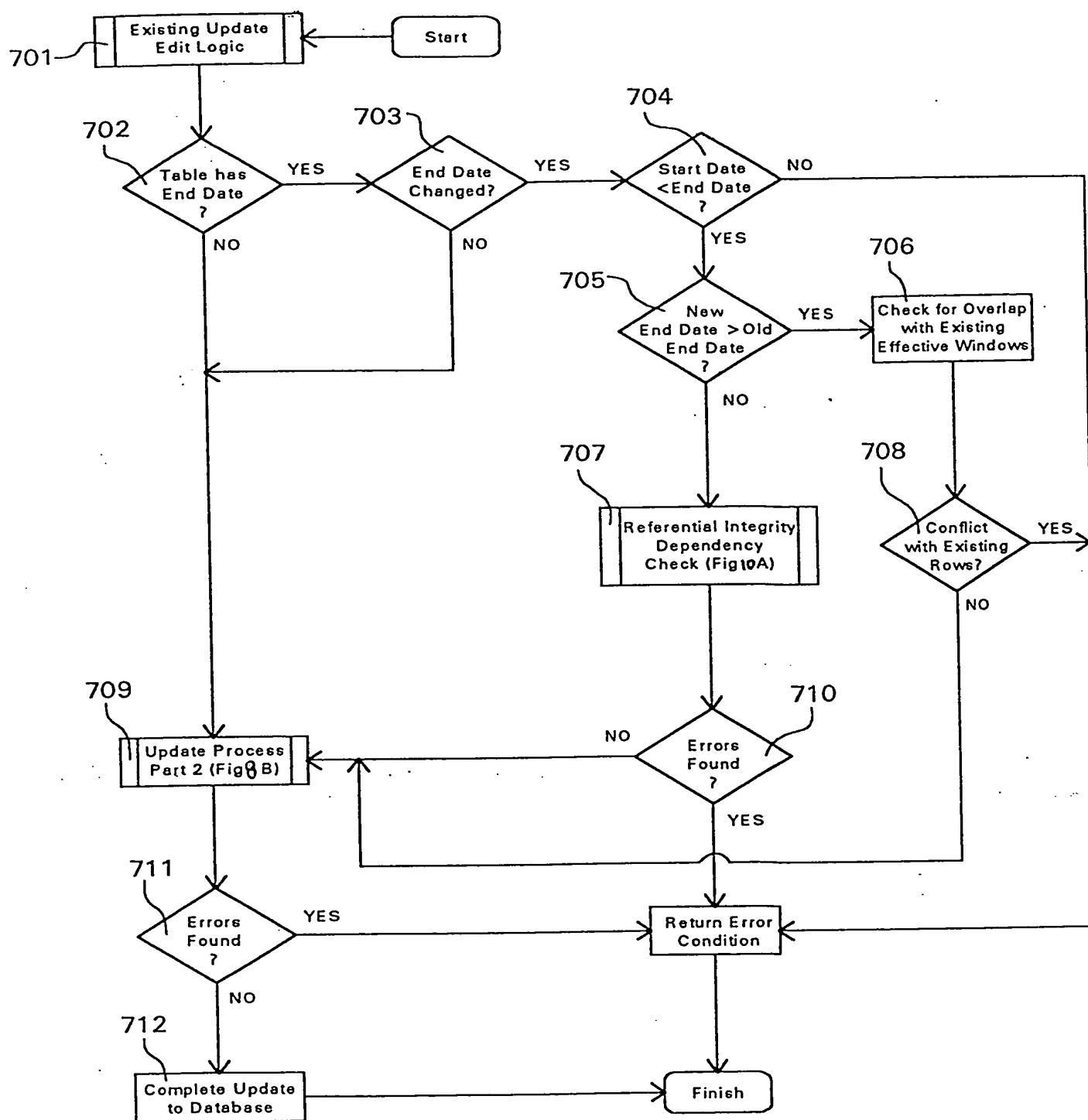
FIG. 7

Delete Process

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**FIG. 8A***Update Process - Part 1 of 2*

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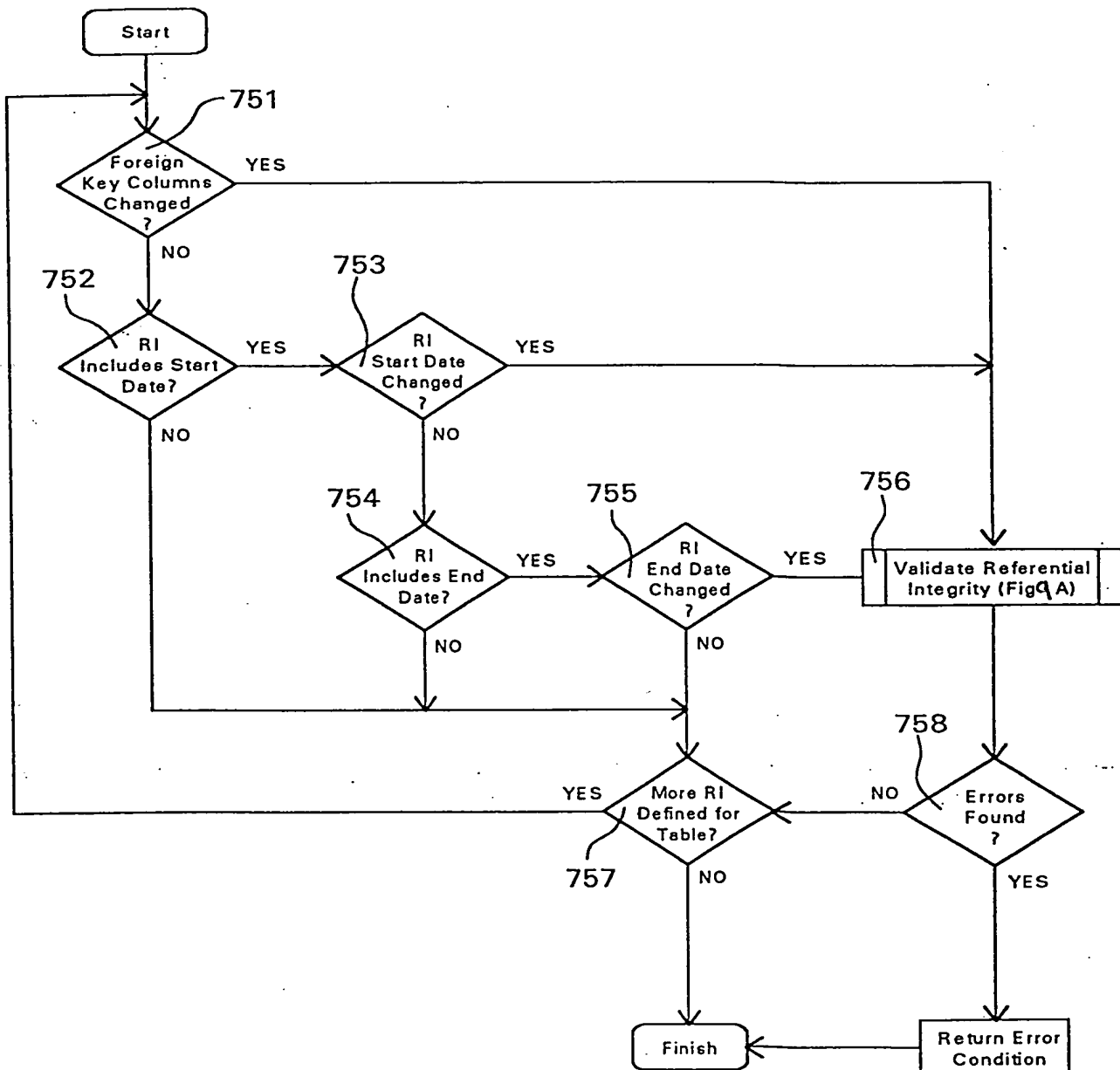


FIG. 8B

Update Process - Part 2 of 2

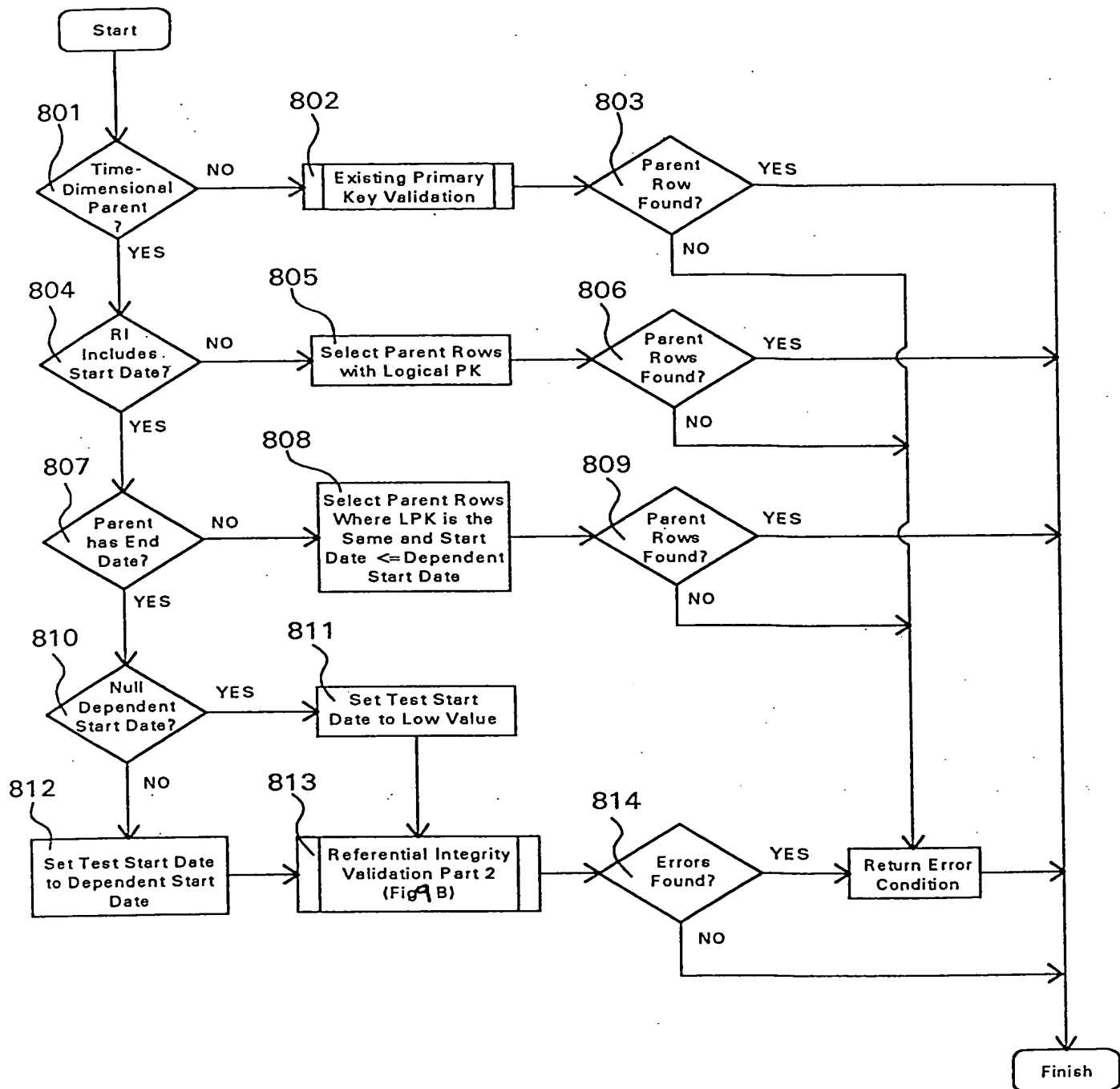


FIG. 9A

Referential Integrity Validation Process - Part 1 of 3

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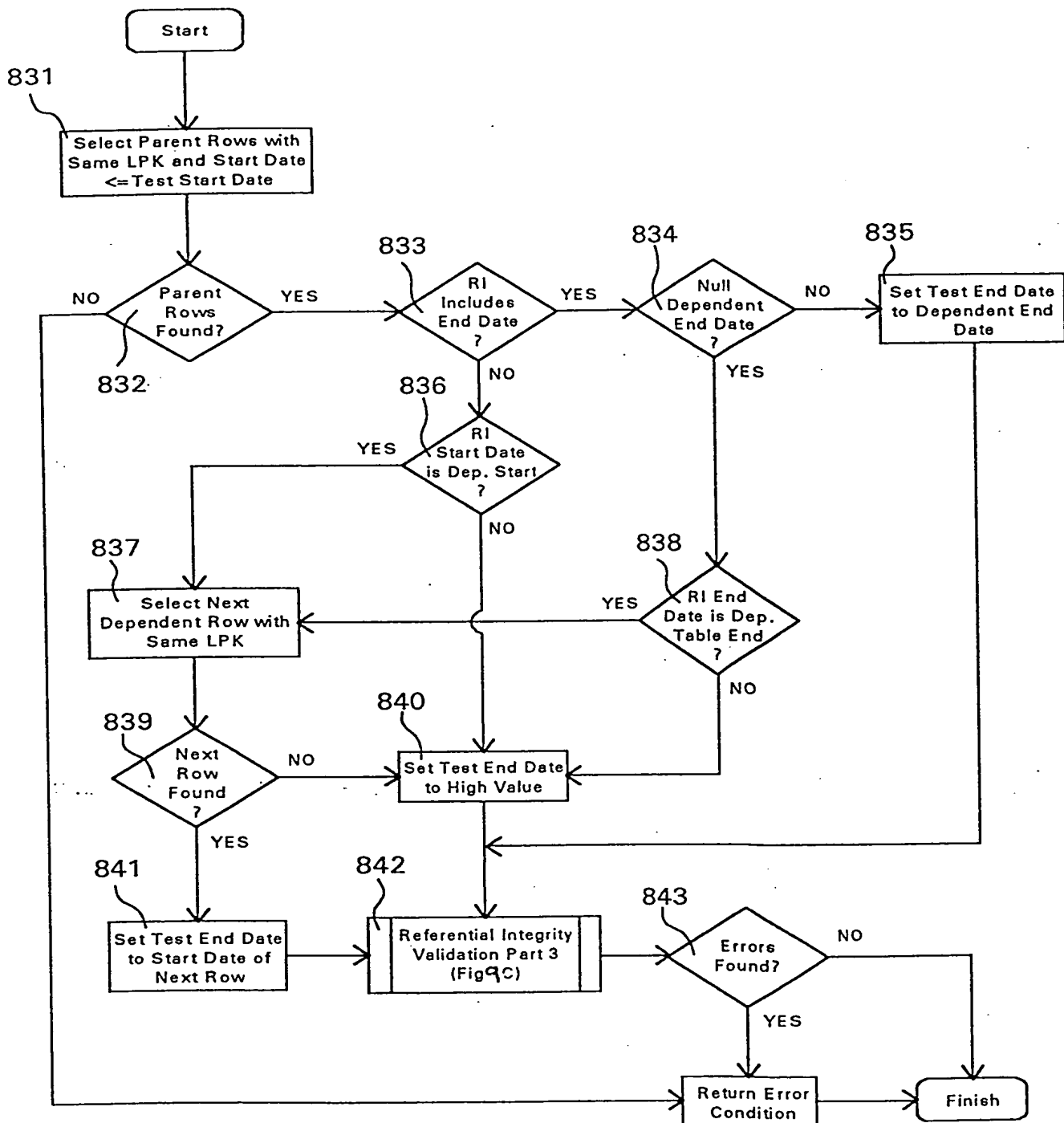


FIG. 9B

Referential Integrity Validation Process - Part 2 of 3

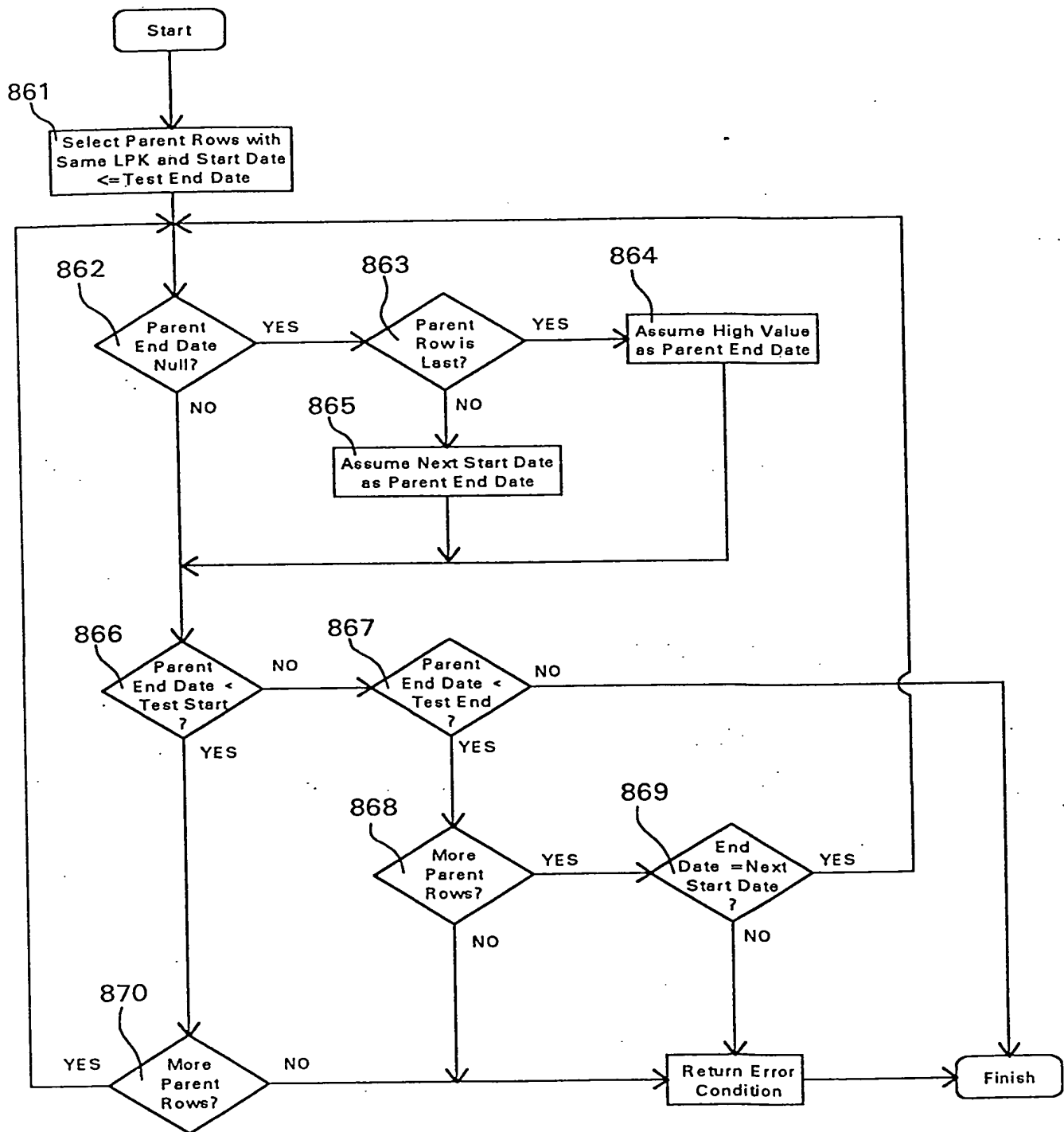


FIG. 9C

Referential Integrity Validation Process - Part 3 of 3

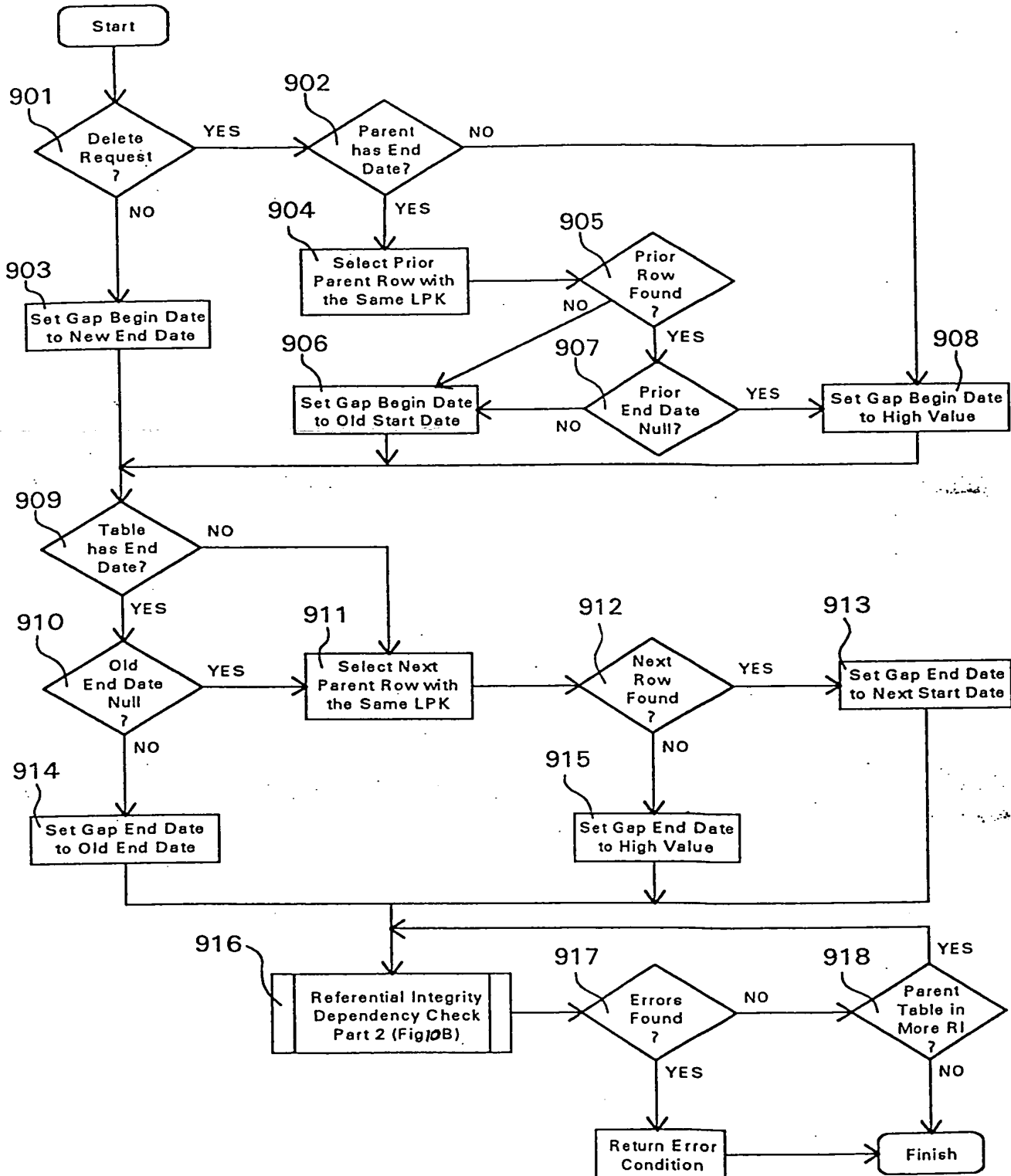


FIG. 10A

Referential Integrity Dependency Check - Part 1 of 2



Referential Integrity Dependency Check - Part 2 of 2

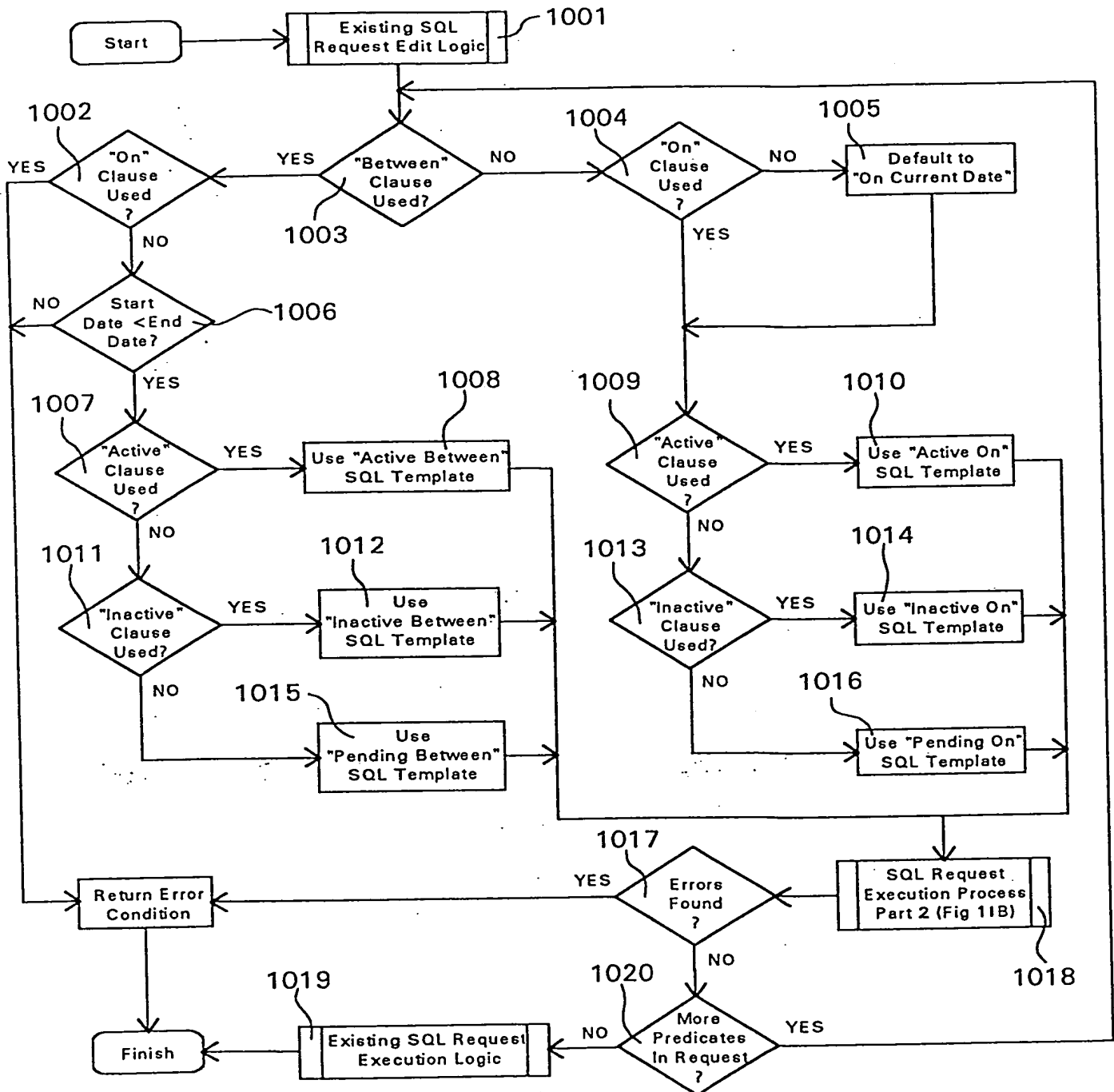


FIG. 11A

SQL Request Execution Process - Part 1 of 2

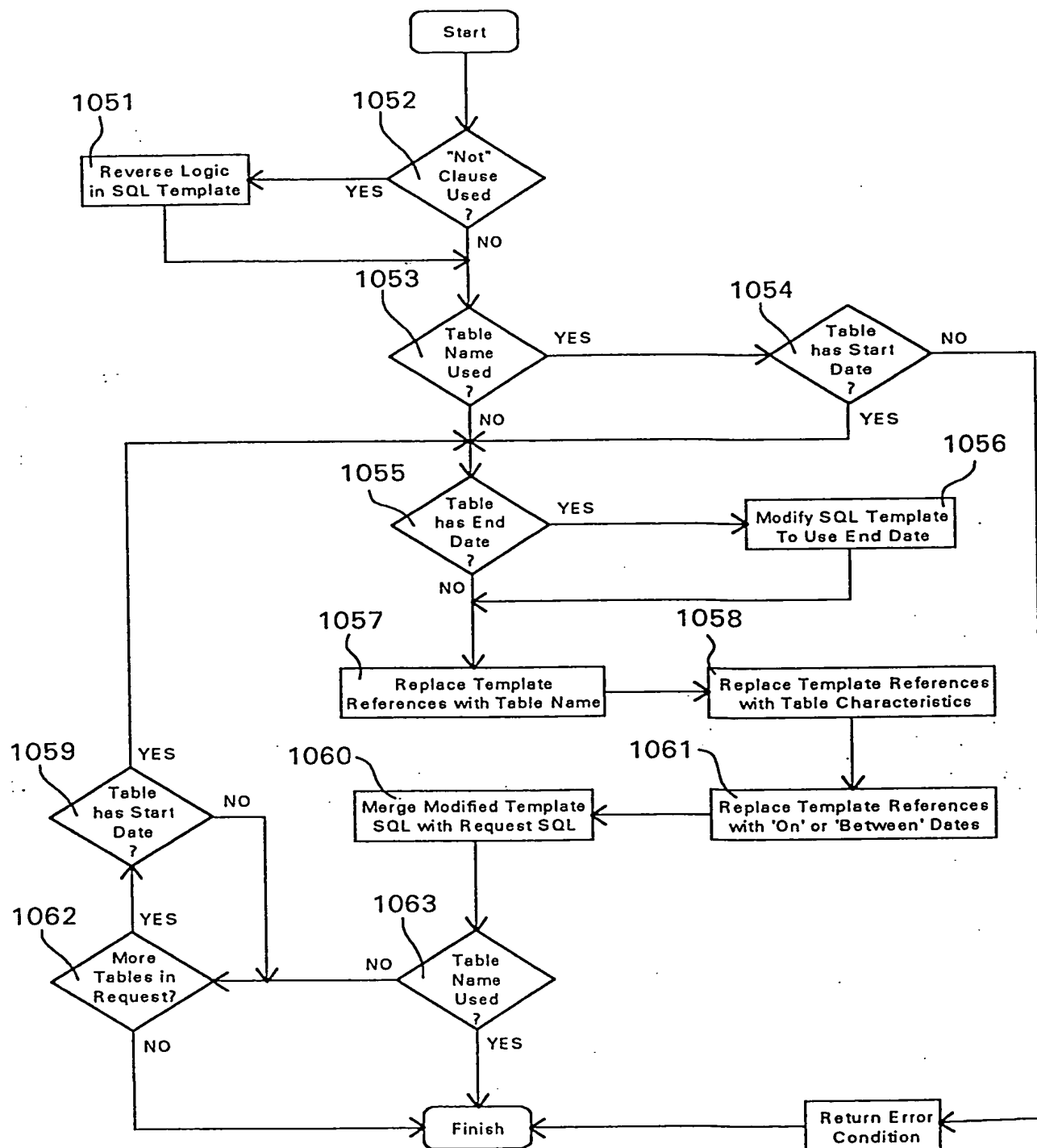


FIG. 11B

SQL Request Execution Process - Part 2 of 2